Model: **4550**

Product Type:

AIR OPERATED PAINT SHAKER

Foreseen Use of the Tool

Do not use the tool outside of the design intent.
Never modify the tool for any other purpose, or for its use.

Safety Precaution

Caution: To help prevent personal injury

- **Normal use of this product is likely to expose the user to dust and/or microscopic particles containing chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Always wear appropriate safety equipment and clothing when using this product. Study, understand and follow all instructions provided with this product.**
- **Always wear ANSI approved goggles when using this product.**
- **Hand/Wrist/Arm injury may result from repetitive work motion exposure to vibration.**

Product Information

- Heavy duty construction
- Compact design
- Rubber coated clamps will accommodate Pints Quarts and Gallons
- Quieter and faster operation
- Includes oiler

SPECIFICATIONS:

• Capacity:	8.45Pint (1.06 Gallon)
• Air Consumption:	1.35 CFM
• Air Inlet:	1/4" NPT
• Speed:	1400 Cycles/Min.
• Operating Pressure Ranges:	90 to 120 PSI at Inlet
• Shaking Time:	1.5 Min.
• Shaking Distance:	85~90mm

Important

Read these instructions carefully before installing, operating, servicing or repairing this tool. Keep these instructions in a safe accessible place.

Astro Pneumatic Tool Company
www.astrotools.com

1 YEAR LIMITED WARRANTY

Astro Pneumatic Tool Co. warrants our products to the original user against defective material or workmanship for a period of 1 year from the date of 1st use. Astro reserves the right to determine whether the product failed because of defective material, workmanship or other causes and to charge back for missing parts. Astro Pneumatic Tool Co., at its discretion, will repair products covered under this warranty free of charge. The original user is to return the product (with the exceptions listed below) with the distributor's name, address, adequate proof of date of purchase or a copy of warranty card, and a short note explaining the problem. **Failures caused by accident, alteration, or misuse are not covered by this warranty.**

Astro Pneumatic Tool Co. or its authorized service representatives must perform all warranty repairs. Any repair to the product by unauthorized service representatives voids this warranty. The rights under this warranty are limited to the original user and may not be transferred to subsequent owners.

This warranty is in lieu of all other warranties, expressed or implied, including warranties of merchantability and fitness for a particular purpose. Some states do not allow the exclusion of limitations of incidental or consequential damages so the above limitations may not apply to you. All claims must be sent to:

Astro Pneumatic Tool Company
P.O. Box 251935
Los Angeles, CA 90025

⚠ PLEASE DO NOT RETURN ANY PRODUCT TO THE P.O. BOX. CALL 1-800-221-9705 FOR INSTRUCTIONS. ⚠

Unpacking

When unpacking, check the parts diagram and part number listing on page 3 to make sure all parts are included. If any parts are missing or damaged, please call your distributor.

AIR OPERATED PAINT SHAKER

Also Available:
#4551Paint Shaker Stand

Model: **4550**

Product Type:

AIR OPERATED PAINT SHAKER

MAINTENANCE INSTRUCTION:

1.) LUBRICATION:

Oil paint shaker with 2 - 3 drops of air tool oil once every 3 weeks if there is no moisture in air line or air supply. If moisture in air line or air supply exists, use 2 - 3 drops or air tool oil, daily. ***DO NOT OVER OIL.***

2.) TIGHTNESS OF PARTS:

Regularly check whether all connection parts are **fastened securely.** **Follow this procedure daily before beginning work.**

3.) STORAGE:

Avoid storing the tool in a location subject to high humidity. If the tool is left unused, the residual moisture inside the tool can cause rust. Before storing and after operation, oil the tool at the air inlet with spindle oil and run it for a short period.

4.) DISPOSAL:

Follow national legislation of waste disposal. Never drop into fire.

5.) ORDERING SERVICE PART:

For further operational and handling information or for replacement of parts and components, contact the sales agent from where you purchased the tool, or the service division of our company. *When ordering parts and components, give each part number, name and quantities.

OPERATION INSTRUCTION:

1.) Before operating shaker, clamp can securely and use caution not to crush can.

2.) To start shaker: Open On/Off control valve.

3.) ***IMPORTANT: NOT FOR USE WITH AEROSOL CANS***

4.) Recommended air pressure 90 to 120 psi at inlet

⚠WARNING⚠

1) The tool shall not be used in potentially explosive atmospheres.
2) Disconnect the air hose before changing or adjusting any inserted tools.
3) Before using tool, please confirm all couplings and plugs are fixed securely. Air hose that is under pressure may lash out when disconnected and could lead to serious injuries.
4) Prevent loose clothes, long hair or any other personal accessories from coming close to moving parts to reduce the risk of being injured.
5) Excessive high air pressure, that exceeds the maximum pressure, may cause injuries to user.
6) Exposure to strong vibration for extended time may cause harm to operator.
7) Slip/Trip/Fall is a major reason of serious injury or death. Beware of excess hose left on the walking or work surface.
9) Wearing correct breathing protection will help avoid inhaling dust or handling debris from work process that can be harmful to your health.
10) High sound level can cause permanent hearing loss. Use hearing protection while operating tool.
11) Be aware of work surface dangers prior to beginning work. It is recommended that shaker is installed a minimum of 2'-3' from other objects that could lead to damage or injury if shaker comes in contact.
12) This power tool is not insulated. If contact is made with an electric current, injury may occur.
13) Dust created by sanding, sawing, grinding, drilling and other related activities may expose the user to dust and/or microscopic particles that may contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
14) Not for use with aerosol cans.

Users of this tool should review the chemical composition of the work surface and any products used in conjunction with the operation of this tool for any such chemicals prior to engaging in any activity that creates dust and/or microscopic particles.

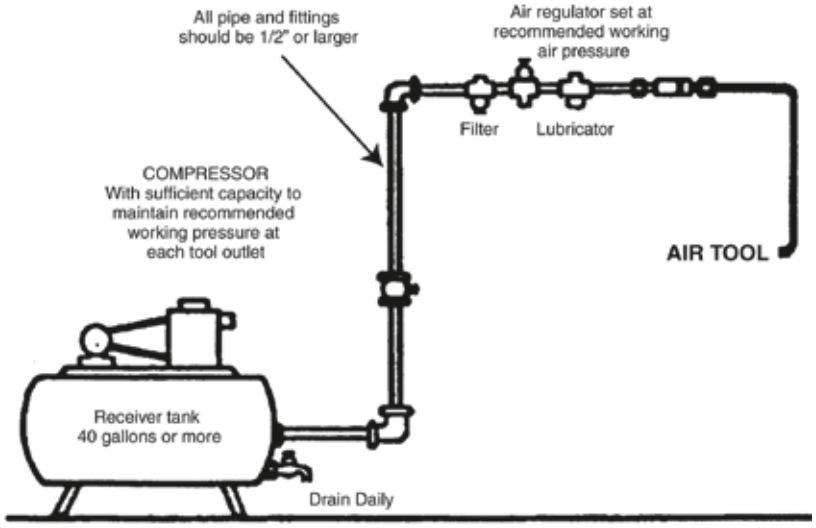
Users should obtain the Material Safety Data Sheets for all identified chemicals, either from the manufacturer or their employer, and proceed to study, understand, and follow all instructions and warnings for exposure to such chemicals.

Some examples of these chemical are: lead from lead based paints; crystalline silica from bricks, cement and other masonry products; and arsenic and chromium from chemically treated lumber.

A listing of the chemicals can be obtained at www.oehha.ca.gov under Proposition 65.

In order to reduce their exposure to such chemicals users should always:
- work in well-ventilated areas .
- wear appropriate safety equipment and clothes that are specifically designed to filter out microscopic particles

SUGGESTED AIR LINE CONNECTION


All pipe and fittings should be 1/2" or larger
Air regulator set at recommended working air pressure
Filter
Lubricator
COMPRESSOR
With sufficient capacity to maintain recommended working pressure at each tool outlet
AIR TOOL
Receiver tank
40 gallons or more
Drain Daily

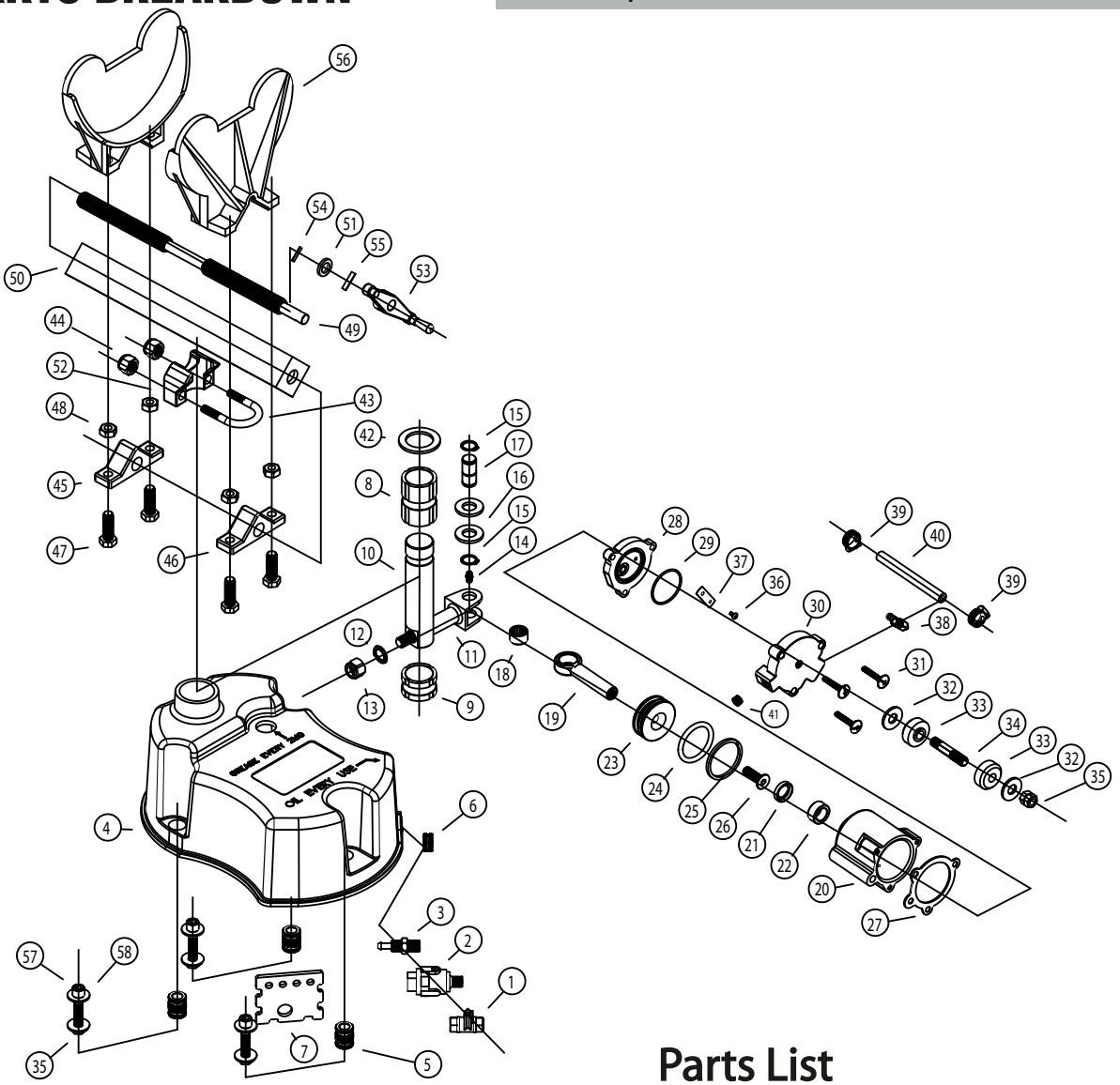
Astro Pneumatic Tool Company
372 Old US Highway 52 South
Mount Airy, NC 27030

Model:
4550

Product Type:
AIR OPERATED PAINT SHAKER

PARTS BREAKDOWN

Call 1.800.221.9705 for questions concerning performance of the product or other inquiries.



Parts List

Part No.	Description	Qty
4550-A01	Safety Valve	1
4550-A02	Oil Gage	1
4550-A03	Pipe Joint	1
4550-A04	Safety Guard	1
4550-A05	Collar	3
4550-A06	Cap Nut	1
4550-A07	Plate	1
4550-A08	Oil Collar	1
4550-A09	Oil Collar	1
4550-A10	Screw Shaft	1
4550-A11	Driven Shaft	1
4550-A12	Spring Washer	1
4550-A13	Nut (1/2" - 12)	1
4550-A14	Oil Cup	1
4550-A15	Retaining Ring	2

Part No.	Description	Qty
4550-A16	Washer	2
4550-A17	Shaft	1
4550-A18	Bearing	1
4550-A19	Cylinder Drive Shaft	1
4550-A20	Cylinder	1
4550-A21	Oil Seal	1
4550-A22	Oil Collar	1
4550-A23	Piston	1
4550-A24	O-Ring (40.64 x 5.34)	1
4550-A25	Piston Washer	1
4550-A26	Screw Bolt	1
4550-A27	Cylinder Washer	1
4550-A28	Valve Casing	1
4550-A29	O-Ring (40.8 x 1.85)	1
4550-A30	Valve Seat	1

Part No.	Description	Qty
4550-A31	Screw Bolt	3
4550-A32	Washer	2
4550-A33	Vibration Washer	2
4550-A34	Screw Bolt	1
4550-A35	Nut (3/8" - 16)	5
4550-A36	Screw Bolt	1
4550-A37	Valve Washer	1
4550-A38	Pipe Joint (90°)	1
4550-A39	Pipe Clip	2
4550-A40	Pipe	1
4550-A41	Screw Bolt	1
4550-A42	Washer	1
4550-A43	U-Bolt	1
4550-A44	Nut (3/8" - 16)	2
4550-A45	Screw Base	1

Part No.	Description	Qty
4550-A46	Screw Base	1
4550-A47	Screw Bolt	4
4550-A48	Nut (M10)	4
4550-A49	Screw Hand	1
4550-A50	Screw Base	1
4550-A51	Washer	1
4550-A52	Support Base	1
4550-A53	Hand Wheel	1
4550-A54	Spring Pin	1
4550-A55	Spring Pin	1
4550-A56	Oil-Paint Base	2
4550-A57	Screw Bolt	3
4550-A58	Washer	6